

## CLAIMS

I claim

1 A grand piano action comprising a flange carrying a hammer shank carrying a piano hammer and a knuckle; a wippen lever carrying a jack; said jack having an arm; said wippen lever being supported by a capstan on a piano key; said piano key carrying a hammer back check; said arm of said jack including an elastic means being connected to said flange; the lifting surface of said jack being in contact with said knuckle; upon depressing said piano key said jack being lifted along with said elastic means shortening said elastic means into a relaxed disabled state permitting said lifting surface of said jack to escape from said knuckle with ease during said arm urging the escapement let off button.

2 The grand piano action according to claim 1 wherein said elastic means being dependent from a regulating screw carried by said flange.

3 A grand piano action comprising a flange carrying a hammer shank carrying a piano hammer and a knuckle; a wippen lever carrying a jack, said jack having an arm; said wippen lever being supported by a capstan on a piano key; said piano key carrying a hammer back check; said arm of said jack including a convoluted spring means being connected to said flange; the lifting surface of said jack being in contact with said knuckle; upon depressing said piano key said jack being lifted along with said convoluted spring means shortening said convoluted spring means into a relaxed disabled state permitting said lifting surface of said jack to escape from said knuckle with ease during said arm urging the escapement let off button.

4 The grand piano action according to claim 3 wherein said convoluted spring means being dependent from a regulating screw carried by said flange; the first end of said convoluted spring means being in a hole along said regulating screw; the very end being bent over the end of said regulating screw; the other end being hooked onto said arm of said jack.

5 A grand piano action

comprising a flange carrying a hammer shank carrying a piano hammer and a knuckle; a wippen lever carrying a jack, said jack having an arm; said arm opposing an escapement let off button; said wippen lever being supported by a capstan on a piano key, said piano key carrying a hammer back check; a spring means being carried by a rail, said spring means supporting said arm of said jack; a lifting surface of said jack being in contact with said knuckle; upon depressing said piano key said arm of said jack being lifted together with said spring means effecting said spring means to turn inert, permitting said lifting surface of said jack to escape from said knuckle with ease during said arm of said jack hitting said escapement let off button.

6 The grand piano action according to claim 5 wherein said arm of said jack carrying a regulating button resting on said spring means carried by said rail.